



February 08, 2021

DVP-210002

Air Division Director
U.S. Environmental Protection Agency
Attn: AIR-5
75 Hawthorne Street
San Francisco, California 94105

Subject: Desert View Power monitoring report for six-month period August 02, 2020 to February 02, 2021.

Dear Sir:

In compliance with our permit, Permit No. CB-ROP 05-01, enclosed is the monitoring report for the six-month period of August 02, 2020 to February 02, 2021 for Desert View Power

- Form sixmon – 6-Month Monitoring Report Parts A through E inclusive.
- Form CTAC.
- Excess Emissions and inoperative report August 02, 2020 to February 02, 2021.
- Monthly reports for August 02, 2020 to February 02, 2021 will be retained on site.
- Copy of 500N AQMD form completed during reporting period.

If you have questions or comments, please feel free to call us at (760) 262-1653.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Robertson", with a long, sweeping horizontal line extending to the right.

Jim Robertson

Plant Manager

Desert View Power, Inc. an affiliate of



Air Pollution Control Officer

Attention: Mr. David Jones, AQMD Supervisor

South Coast Air Quality Management District

21865 E. Copely Drive

Diamond Bar, CA 91765-4182

U.S. ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM CTAC - CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS BY RESPONSIBLE OFFICIAL

INSTRUCTIONS: One copy of this form must be completed, signed, and sent with each submission of documents (i.e., application form 1S, updates to applications, reports, or any information required by a part 71 permit).

A. Responsible Official

Name: (Last) Robertson (First) JamesTitle Plant ManagerStreet or P.O. Box 62-300 Welmas DrCity Mecca State CA ZIP 92254Telephone (760) 396-2554 Ext. 113 Facsimile (760) 396-0410

B. Certification of Truth, Accuracy and Completeness (to be signed by the responsible official)

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed)  Date: 2/10/2021Name (typed) James Robertson Date: 2/10/2021

All sources must complete this section. Use the table below to summarize all deviations from permit terms required to be reported previously (prior to this report). Copy this page as many times as necessary to include all such deviations. In the first column, describe and cross-reference the permit terms for which there is a deviation. In the second column, list the Emission unit IDs where the deviation occurred, if no IDs are listed in the permit, describe them instead. When reporting the beginning and ending times for deviations, use the 24-hour clock (e.g., midnight or 12 a.m. is 00:00). Zone means time zone (e.g., EST or EDT). In the fourth column, specify the date when the written deviation report was submitted to the permitting authority. If a written deviation report was required, but it was not submitted by the required deadline, leave this field blank. Failure to submit a required deviation report (including those required to be submitted by telephone or fax), or late submittal of such reports is a deviation from permit terms that must be reported in Section E of this form.

Permit Tenn for Which There is a Deviation	Emission Units (unit IDs)	Deviation Time Periods			Written Deviation
		Date (mo/day/yr)	Time (hr/min)	Time Zone	Report Submittal Date (mo/dv/year)
All deviations are listed under "E" of this report.		Beginning			
		Ending			
		Beginning			
		Ending			
		Beginning			
		Ending			
		Beginning			
		Ending			
		Beginning			
		Ending			

Form SIXMON Continued

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E. Other Deviations From Permit Terms

All sources must complete this section. Answer questions 1 through 5 below as a group for each deviation from permit terms that is required to be reported for the first time in this monitoring report form. This page may be used to report three separate deviations. Copy of this page as many times as necessary to include all such deviations. Include all such deviations, including those that occur during startup, shutdown, malfunctions, and upset conditions. Question 1: describe and cross reference the permit terms for which there is a deviation. Question 2: list Emission unit ID (if not available, identify by some other method) where the deviation occurred. Question 3: Report the beginning and ending times for each deviation, use the 24-hour clock. Question 4: Briefly explain (if known) the probable cause of each deviation from permit terms. Question 5: If any corrective actions or preventative measures were taken to avoid these same types of deviation at the same emissions units, briefly describe them. If known include dates when such actions or measures were taken or will be taken in the future.

1. Permit Term for Which There is a Deviation: "See attached pages" Permit Condition II. E. 2	2. Emission Units (unit IDs): 01	3 Time Period: Date (mo/day/yr) Time (hr:min) Time Zone Beginning / / Ending / /
4. Probable Cause of Deviation:	5. Corrective Actions or Preventive Measures Taken:	

1. Permit Term for Which There is a Deviation:	2. Emission Units (unit IDs):	3 Time Period: Date (mo/day/yr) Time (hr:min) Time Zone Beginning / / Ending / /
4. Probable Cause of Deviation:	5. Corrective Actions or Preventive Measures Taken:	

1. Permit Term for Which There is a Deviation:	2. Emission Units (unit IDs):	3 Time Period: Date (mo/day/yr) Time (hr:min) Time Zone Beginning / / Ending / /
4. Probable Cause of Deviation:	5. Corrective Actions or Preventive Measures Taken:	

U.S. ENVIRONMENTAL PROTECTION AGENCY

FORMS FOR FEDERAL OPERATING PERMITS PROGRAM, 40 CFR PART 71

FORM. SIXMON - 6-MONTH MONITORING REPORT

A-Identifying Information. All facilities must complete this section.

Source or company name Desert View Power

Mailing address: Street or P.O. Box 62-300 Gene Welmas Dr PO Box 758

City Mecca

State: CA ZIP 92254-0758

Contact person: Jim Robertson Title: Facility Manager

Telephone(760) 396-2554_ Ext. 113

Part 71 permit no. CB-ROP 05-01

B. Reporting Period. You must complete this section. The reporting period should be the 6-month, or shorter period, required by your part 71 permit.

It will be assumed that the beginning date begins and ends at Midnight (12 A.M.), unless you specify otherwise.

Period beginning: **08/02/2020**

Period ending: **02/02/2021**

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Boiler 1 Excess Emissions

Colmac Energy

NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

NOx lbs/day Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 lb/hr 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

CO lb/hr 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
NOx ppm @3% O2 3-Hr Rolling	8/17/2020 8:00 PM	8:59 PM	1 hour	97.0	97.0	97.0	94	<i>Not specified</i>	
Total duration			1 hour						

Boiler 2 Excess Emissions

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

NOx lbs/day Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 lb/hr 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

CO lb/hr 3-Hr Rolling Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boilers Stack Excess Emissions

Colmac Energy

Opacity % 3-Min Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
Opacity % 3-Min Avg	11/10/2020 12:18 AM	12:20 AM	3 minutes	35.0	35.0	35.0	10	Debris was left in the ID fan after the outlet expansion joint was replaced during the fall outage	Thoroughly inspect fans before start up
Total duration			3 minutes						

Boilers Stack Excess Emissions

Colmac Energy

Opacity % 6-Min Avg Excess Emissions for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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There are no excess emissions for this report.

Boiler 1 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	8/4/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	8/20/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/22/2020 6:00 AM	1:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/25/2020 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/26/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/26/2020 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/10/2020 8:00 AM	10:59 PM	15 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	1/4/2021 2:00 PM	9:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			74 hours		

Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	8/4/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	8/20/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/22/2020 6:00 AM	1:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/25/2020 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/26/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/26/2020 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/10/2020 8:00 AM	10:59 PM	15 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	1/4/2021 2:00 PM	9:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			74 hours		

Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/hr CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	8/4/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/22/2020 6:00 AM	2:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/22/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/10/2020 8:00 AM	11:59 PM	16 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/11/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	1/4/2021 2:00 PM	5:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			75 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	8/4/2020 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	8/20/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/22/2020 6:00 AM	1:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/25/2020 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/26/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/26/2020 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/10/2020 8:00 AM	10:59 PM	15 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/7/2020 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	1/4/2021 2:00 PM	9:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			76 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	8/4/2020 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	8/20/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/22/2020 6:00 AM	1:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/25/2020 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/26/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/26/2020 2:00 AM	2:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/10/2020 8:00 AM	10:59 PM	15 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/7/2020 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	1/4/2021 2:00 PM	9:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			76 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/hr CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	8/4/2020 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/22/2020 6:00 AM	2:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/22/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/10/2020 8:00 AM	11:59 PM	16 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/11/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/7/2020 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	1/4/2021 2:00 PM	5:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			77 hours		

Boiler 1 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	8/4/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/18/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/20/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/22/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/7/2020 6:00 AM	12:59 PM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/22/2020 6:00 AM	2:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/25/2020 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/26/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/26/2020 2:00 AM	3:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/30/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/10/2020 8:00 AM	10:59 PM	15 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	1/4/2021 2:00 PM	9:59 PM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			87 hours		

Boiler 1 CEMS Downtime

Colmac Energy
CO lb/hr CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	8/4/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/18/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/21/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/22/2020 4:00 AM	5:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/3/2020 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/4/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/7/2020 6:00 AM	12:59 PM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/9/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/22/2020 6:00 AM	2:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/22/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/26/2020 3:00 AM	3:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/30/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	10/16/2020 3:00 AM	10:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/10/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/10/2020 8:00 AM	11:59 PM	16 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/11/2020 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	12/8/2020 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	12/19/2020 1:00 AM	6:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	1/4/2021 2:00 PM	5:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			87 hours		

Boiler 2 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/7/2020 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/27/2020 5:00 AM	5:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/8/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/6/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			51 hours		

Boiler 2 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/7/2020 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/27/2020 5:00 AM	5:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/8/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/6/2020 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			51 hours		

Boiler 2 CEMS Downtime

Colmac Energy
NOx lb/hr CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/7/2020 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	10/27/2020 5:00 AM	5:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/6/2020 9:00 AM	11:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/20/2020 5:00 PM	5:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			52 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/7/2020 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/27/2020 5:00 AM	5:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/8/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/6/2020 8:00 AM	11:59 AM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			54 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/7/2020 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/27/2020 5:00 AM	5:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/8/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/6/2020 8:00 AM	11:59 AM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			54 hours		

Boiler 2 CEMS Downtime

Colmac Energy
SO2 lb/hr CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/7/2020 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	10/27/2020 5:00 AM	5:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/6/2020 8:00 AM	11:59 AM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/7/2020 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/20/2020 5:00 PM	5:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			54 hours		

Boiler 2 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/17/2020 8:00 PM	8:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/7/2020 7:00 AM	11:59 AM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/27/2020 5:00 AM	9:59 PM	17 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/8/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/26/2020 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/27/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	12/6/2020 8:00 AM	10:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			63 hours		

Boiler 2 CEMS Downtime

Colmac Energy

CO lb/hr CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	8/4/2020 7:00 AM	9:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/17/2020 8:00 PM	8:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/20/2020 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/21/2020 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	8/26/2020 5:00 AM	5:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/7/2020 7:00 AM	11:59 AM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/9/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	9/10/2020 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	10/27/2020 5:00 AM	9:59 PM	17 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/25/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/26/2020 2:00 AM	4:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/26/2020 11:00 AM	4:59 PM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/26/2020 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/27/2020 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	12/6/2020 9:00 AM	11:59 AM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	12/14/2020 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	12/20/2020 5:00 PM	5:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	12/20/2020 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	12/21/2020 12:00 AM	10:59 AM	11 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			63 hours		

Boilers Stack CEMS Downtime

Colmac Energy

Opacity % 6-Min Avg CEMS Downtime for 8/2/2020 thru 2/2/2021

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	8/9/2020 2:54 PM	2:59 PM	6 minutes	<i>Not specified</i>	
Opacity % 6-Min Avg	8/11/2020 6:54 PM	6:59 PM	6 minutes	<i>Not specified</i>	
Opacity % 6-Min Avg	8/21/2020 7:18 AM	7:29 AM	12 minutes	<i>Not specified</i>	
Opacity % 6-Min Avg	8/21/2020 9:12 AM	10:47 AM	1 hour, 36 minutes	<i>Not specified</i>	
Opacity % 6-Min Avg	8/21/2020 11:18 AM	11:29 AM	12 minutes	<i>Not specified</i>	
Opacity % 6-Min Avg	10/20/2020 6:12 AM	6:23 AM	12 minutes	CEM out of service for maintenance	Maintenance complete. CEM back in service
Opacity % 6-Min Avg	12/4/2020 6:54 AM	6:59 AM	6 minutes	CEM out of service for maintenance	Maintenance complete. CEM back in service
Opacity % 6-Min Avg	12/7/2020 8:24 AM	8:53 AM	30 minutes	CEM out of service for maintenance	Maintenance complete. CEM back in service
Opacity % 6-Min Avg	12/20/2020 5:36 PM	5:47 PM	12 minutes	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Opacity % 6-Min Avg	12/25/2020 2:30 PM	2:35 PM	6 minutes	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Opacity % 6-Min Avg	12/26/2020 2:24 PM	2:29 PM	6 minutes	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Opacity % 6-Min Avg	12/27/2020 10:06 PM	10:11 PM	6 minutes	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Opacity % 6-Min Avg	12/30/2020 12:30 AM	12:35 AM	6 minutes	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			3 hours, 36 minutes		



South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns

*This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To:
SCAQMD
P.O. Box 4941
Diamond Bar, CA 91765-0941

Tel: (909) 396-3385
www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit):		2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD):	
Desert View Power		100154	
3. Address: (where incident occurred)			
62300 Gene Welmas Drive, P.O. Box 758		Street Address	
Mecca		CA	92254-0758
City		State	Zip
4. Mailing Address: (if different from Item 3)			
Same as above		Street Address	
Same as above		City	State Zip
5. Provide the name, title, and phone number of the person to contact for further information:			
Kevin Lawrence	Operations Manager	(760) 262-1644	
Name	Title	Phone #	

Section II - Reporting of Breakdowns, Deviations, and Emergencies

1. This written notification is to report a(n):			
Type of Incident	Verbal Report Due*	Written Report Due	
a. <input type="checkbox"/> Emergency under Rule 3002(g)	Within 1 hour of discovery	Within 2 working days from when the emission limit was exceeded.	
b. <input checked="" type="checkbox"/> Breakdown under:		For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is granted.	
<input checked="" type="checkbox"/> Rule 430 (Non-RECLAIM)	For Rules 430 & 2004 - Within 1 hour of discovery.		
<input type="checkbox"/> Rule 2004 (RECLAIM)			
<input type="checkbox"/> Rule 218 (Non-RECLAIM)	For Rule 218 - Within 24 hours or next business day for failure/shutdown exceeding 24 hours	For Rule 218 - With required semi-annual reports.	
[See Rule 218(f)(3)]			
c. <input type="checkbox"/> Deviation with excess emissions	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discovery of the deviation.	
[See Title V Permit, Section K, Condition No. 22B]			
d. <input type="checkbox"/> Other Deviation	None	With required semi-annual monitoring reports.	
[See Title V Permit, Section K, Condition Nos. 22D & 23]			
2. The incident was first discovered by: Antony Wristen on 08/17/2020 09:48 <input type="radio"/> AM <input checked="" type="radio"/> PM			
Name		Date	Time
3. The incident was first reported by: Operator #4 on 09/16/2020 03:51 <input type="radio"/> AM <input checked="" type="radio"/> PM			
Name of AQMD Staff Person		Date	Time
a. <input checked="" type="radio"/> Via Phone			
b. <input type="radio"/> In Person			
Notification Number (Required): 625831			
4. When did the incident actually occur? 08/17/2020 09:48 <input type="radio"/> AM <input checked="" type="radio"/> PM			
Date		Time	

AQMD USE ONLY	Received By:		Assigned By:		Inspector:	
	Date/Time Received:		Date/Time Assigned:		Date/Time Received Assignment:	
	Date Delivered To Team:		Date Reviewed Inspector Report:		Date Inspected Facility:	
	Team:	Sector:	Breakdown/Deviation Notification No.		Date Completed Report:	
	Recommended Action:		Cancel Notification	Grant Relief	Issue NOV No. _____	Other: _____
	Final Action:		Cancel Notification	Grant Relief	Issue NOV No. _____	Other: _____

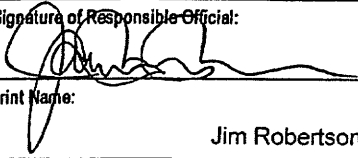
5. Has the incident stopped? a. ☒ Yes, on: 08/17/2020 10:48 ☐ AM ☒ PM b. ☐ No
Date Time
6. What was the total duration of the incident? 0 01
Days Hours
7. For equipment with an operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle during which the incident occurred? _____
Date Time ☐ AM ☒ PM
8. Describe the incident and identify each piece of equipment (by permit, application, or device number) affected. Attach photos (when available) of the affected equipment and attach additional pages as necessary.
We were down a wood hog due to a bad bearing (WH1). The remaining wood hog (WH2) was worn out and had a difficult time processing the wood fuel. We had several plugs on WH2. Which either slowed or stopped the wood flow to the boilers.
9. The incident may have resulted in a:
a. ☒ Violation of Permit Condition(s): EPA Permit CB-OP 99-01 II.A.15
b. ☐ Violation of AQMD Rule(s): _____
10. What was the probable cause of the incident? Attach additional pages as necessary.
Fluctuations in temperature and excess O2 from wood and natural gas fuels caused the NOxppm@3% O2 to increase but not the NOx Lbs/hr. The ammonia controller controls NOx lbs/hr not NOx ppm@3% O2.
11. Did the incident result in excess emissions? ☐ No ☒ Yes (Complete the following and attach calculations.)
☐ VOC _____ lbs ☐ NOx _____ lbs ☐ SOx _____ lbs ☐ H2S _____ lbs
☐ CO _____ lbs ☐ PM _____ lbs ☒ Other: 97.000 lbs NOx@3% O2 pollutant
12. For RECLAIM facilities Subject to Rule 2004 (f)(3) ONLY: If excess emissions of NOx and/or SOx were reported in Item 11, do you want these emissions to be counted when determining compliance with your annual allocations?
a. ☐ Yes, for: ☐ NOx ☐ SOx b. ☐ No, for: ☐ NOx ☐ SOx
If box 12(b) above is checked, include all information specified in Rule 2004 (f)(3)(B) and (C), as applicable.
13. Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures employed to avoid future incidents. Include photos of the failed equipment if available and attach additional pages as necessary.
Put ammonia controller in manual and increased ammonia flow to lower the NOx. Wood system was restored and gas was removed from the affected boiler. Repairs were completed to the fuel delivery system.
14. Was the facility operating properly prior to the incident?
a. ☒ Yes b. ☐ No, because: _____
15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?
a. ☐ Yes b. ☒ No, because: There was a breakdown of equipment causing a fuel feed plug resulting exceedance
16. Has the facility returned to compliance?
a. ☐ No, because: _____
b. ☒ Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)

Section III - Certification Statement

I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.

For Title V Facilities ONLY: ☒ I also certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX.

1. Signature of Responsible Official:



2. Title of Responsible Official:

Plant Manager

3. Print Name:

Jim Robertson

4. Date:

09/17/2020

5. Phone #:

(760) 262-1682

6. Fax #:

7. Address of Responsible Official:

62-300 Gene Welmas Dr

Mecca

CA

92254

Street #

City

State

Zip

Boiler 2 Excess Emissions

Colmac Energy

NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 8/17/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
NOx ppm @3% O2 3-Hr Rolling	8/17/2020 8:00 PM	8:59 PM	1 hour	97.0	97.0	97.0	94	Not specified	
Total duration			1 hour						

Colmac Energy
Mecca, CA
Boiler 2 Daily Emissions Report
August 17, 2020

Emission Limits	
Daily NOx lbs- 648	30-Day Rolling NOx lb/mmBtu - 0.3 SO2 lb/mmBtu - 1.2

Hour	O2%	NOx ppm	NOx ppm @3% O2	NOx lb/mmBtu	NOx lbs	SO2 ppm	SO2 ppm @3% O2	SO2 lb/mmBtu	SO2 lbs	CO ppm	CO ppm @3% O2	CO lb/mmBtu	CO lbs	Process Status
00	8.0	47.5	65.9	0.092	25.93	13.0	18.0	0.035	9.87	10.0	13.9	0.012	3.32	
01	8.1	44.0	61.5	0.086	24.20	8.5	11.9	0.023	6.50	10.0	14.0	0.012	3.35	Normal
02	8.0	47.1	65.4	0.091	25.46	7.5	10.4	0.020	5.59	10.0	13.9	0.012	3.29	Normal
03	8.1	46.6	65.2	0.091	24.67	13.7	19.2	0.037	10.09	10.0	14.0	0.012	3.22	Normal
04	8.1	47.4	66.3	0.092	25.57	10.0	14.0	0.027	7.48	10.0	14.0	0.012	3.28	Normal
05	8.0	46.8	64.9	0.091	25.66	13.0	18.0	0.035	9.86	10.0	13.9	0.012	3.34	Normal
06	10.2	23.4	39.1	0.055	11.93	5.2	8.7	0.017	3.67	10.0	16.7	0.014	3.09	Normal
07	10.4	30.1	51.3	0.072	14.60	5.0	8.5	0.017	3.41	10.0	17.0	0.014	2.98	Normal
08	8.8	49.0	72.5	0.101	25.98	8.0	11.8	0.023	6.04	10.0	14.8	0.013	3.22	Normal
09	8.1	40.6	56.8	0.079	23.49	13.4	18.7	0.036	10.81	10.0	14.0	0.012	3.52	Normal
10	8.1	42.6	59.6	0.083	24.86	13.5	18.9	0.037	10.96	10.0	14.0	0.012	3.55	Normal
11	8.1	44.7	62.5	0.087	25.27	13.7	19.2	0.037	10.75	10.0	14.0	0.012	3.45	Normal
12	8.7	38.8	56.9	0.079	21.31	10.2	15.0	0.029	7.81	10.0	14.7	0.012	3.30	Normal
13	9.0	35.3	53.1	0.074	18.78	7.8	11.7	0.023	5.74	10.0	15.0	0.013	3.17	Normal
14	8.7	44.7	65.6	0.092	25.40	10.4	15.3	0.030	8.15	10.0	14.7	0.012	3.45	Normal
15	8.5	43.5	62.8	0.088	24.83	11.1	16.0	0.031	8.83	10.0	14.4	0.012	3.47	Normal
16	8.3	42.9	60.9	0.085	24.39	9.4	13.4	0.026	7.43	10.0	14.2	0.012	3.47	Normal
17	8.6	43.6	63.5	0.089	24.04	10.4	15.1	0.029	7.97	10.0	14.6	0.012	3.36	Normal
18	10.4	38.6	65.8	0.092	20.59	6.6	11.3	0.022	4.89	10.0	17.0	0.014	3.23	Normal
19	16.5	23.5	95.6	0.133	9.44	5.0	20.3	0.039	2.84	29.2	118.8	0.101	8.00	Normal
20	16.2	33.8	128.7	0.180	11.93	5.0	19.0	0.037	2.46	Invalid	Invalid	Invalid	Invalid	Normal
21	11.8	25.4	50.0	0.070	11.31	5.0	9.8	0.019	3.18	45.3	89.1	0.076	12.24	Normal
22	11.1	11.7	21.4	0.030	6.10	5.0	9.1	0.018	3.63	10.0	18.3	0.016	3.18	Normal
23	11.0	18.4	33.3	0.046	9.13	5.0	9.0	0.018	3.46	10.0	18.1	0.015	3.03	Normal
Average Total	9.6	37.9	62.0	0.087										
30-Day Ring				0.084	484.87	9.0	14.3	0.028		12.4	22.7	0.019		
365-Day Ring								0.027	161.42				89.5	
								62845						



South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns

*This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.



Mail To:
SCAQMD
P.O. Box 4941
Diamond Bar, CA 91765-0941

Tel: (909) 396-3385
www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit): <u>Desert View Power</u>		2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): <u>100154</u>	
3. Address: <u>62-300 Gene Welmas Drive</u> (where incident occurred) Street Address			
<u>Mecca</u> City		<u>CA</u> State	<u>92254</u> Zip
4. Mailing Address: <u>Same as above</u> (if different from Item 3) Street Address			
<u></u> City		<u></u> State	<u></u> Zip
5. Provide the name, title, and phone number of the person to contact for further information:			
<u>Kevin Lawrence</u> Name		<u>Operations Manager</u> Title	<u>(760) 262-1644</u> Phone #

Section II - Reporting of Breakdowns, Deviations, and Emergencies

1. This written notification is to report a(n):		
Type of Incident	Verbal Report Due*	Written Report Due
a. <input type="checkbox"/> Emergency under Rule 3002(g)	Within 1 hour of discovery	Within 2 working days from when the emission limit was exceeded.
b. <input checked="" type="checkbox"/> Breakdown under:		For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is granted.
<input checked="" type="checkbox"/> Rule 430 (Non-RECLAIM)	For Rules 430 & 2004 - Within 1 hour of discovery.	
<input type="checkbox"/> Rule 2004 (RECLAIM)		
<input type="checkbox"/> Rule 218 (Non-RECLAIM) [See Rule 218(f)(3)]	For Rule 218 - Within 24 hours or next business day for failure/shutdown exceeding 24 hours	For Rule 218 - With required semi-annual reports.
c. <input type="checkbox"/> Deviation with excess emissions [See Title V Permit, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discovery of the deviation.
d. <input type="checkbox"/> Other Deviation [See Title V Permit, Section K, Condition Nos. 22D & 23]	None	With required semi-annual monitoring reports.

2. The incident was first discovered by: <u>Louie Lopez</u> Name		on <u>11/10/2020</u> Date	<u>12:20</u> Time	<input checked="" type="radio"/> AM <input type="radio"/> PM
3. The incident was first reported by: <u>Operator 4</u> Name of AQMD Staff Person		on <u>11/10/2020</u> Date	<u>12:55</u> Time	<input checked="" type="radio"/> AM <input type="radio"/> PM
a. <input checked="" type="radio"/> Via Phone				
b. <input type="radio"/> In Person				
		Notification Number (Required): <u>632315</u>		
4. When did the incident actually occur? <u>11/10/2020</u> Date		<u>12:20</u> Time	<input checked="" type="radio"/> AM <input type="radio"/> PM	


AQMD USE ONLY	Received By:		Assigned By:		Inspector:	
	Date/Time Received:		Date/Time Assigned:		Date/Time Received Assignment:	
	Date Delivered To Team:		Date Reviewed Inspector Report:		Date Inspected Facility:	
	Team:	Sector:	Breakdown/Deviation Notification No.		Date Completed Report:	
	Recommended Action:		Cancel Notification Grant Relief Issue NOV No. _____ Other: _____			
	Final Action:		Cancel Notification Grant Relief Issue NOV No. _____ Other: _____			

5. Has the incident stopped? a. ☒ Yes, on: 11/10/2020 12:20 ☒ AM b. ☐ No
Date Time ☐ PM
6. What was the total duration of the incident? 0 05
Days Hours
7. For equipment with an operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle during which the incident occurred? _____
Date Time ☐ AM ☐ PM
8. Describe the incident and identify each piece of equipment (by permit, application, or device number) affected. Attach photos (when available) of the affected equipment and attach additional pages as necessary.
Boiler 1 had just completed it's fall outage. During start up of boiler 1 induced draft fan we had a 34.5% opacity violation for 3 minutes.
9. The incident may have resulted in a:
a. ☒ Violation of Permit Condition(s): EPA Permit # CB-ROP 05-01
b. ☐ Violation of AQMD Rule(s): _____
10. What was the probable cause of the incident? Attach additional pages as necessary.
During the fall outage on boiler 1 the outlet expansion joint for the induced draft fan was replaced by contractors. The old one was damaged. During the work debris was left inside the fan. When the fan was started the opacity violation occurred.
11. Did the incident result in excess emissions? ☐ No ☒ Yes (Complete the following and attach calculations.)
☐ VOC _____ lbs ☐ NOx _____ lbs ☐ SOx _____ lbs ☐ H2S _____ lbs
☐ CO _____ lbs ☒ PM _____ lbs ☐ Other: _____ lbs _____ pollutant
12. For RECLAIM facilities Subject to Rule 2004 (f)(3) ONLY: If excess emissions of NOx and/or SOx were reported in Item 11, do you want these emissions to be counted when determining compliance with your annual allocations?
a. ☐ Yes, for: ☐ NOx ☐ SOx b. ☐ No, for: ☐ NOx ☐ SOx
If box 12(b) above is checked, include all information specified in Rule 2004(f)(3)(B) and (C), as applicable.
13. Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures employed to avoid future incidents. Include photos of the failed equipment if available and attach additional pages as necessary.
To ensure that this does not happen again operations will thoroughly inspect any fans before releasing it for operation.
Cleaning out any and all debris so that it does not cause an opacity violation again.
14. Was the facility operating properly prior to the incident?
a. ☒ Yes b. ☐ No, because: _____
15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?
a. ☐ Yes b. ☒ No, because: The expansion joint was replaced from the outside of the duct, inside not visible.
16. Has the facility returned to compliance?
a. ☐ No, because: _____
b. ☒ Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)

Section III - Certification Statement

I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.

For Title V Facilities ONLY: ☒ I also certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX.

1. Signature of Responsible Official: 	2. Title of Responsible Official: Plant Manager
3. Print Name: Jim Robertson	4. Date: 11/12/2020
5. Phone #: (760) 262-1600	6. Fax #:
7. Address of Responsible Official: 62-300 Gene Welmas Drive Mecca CA 92254 Street # City State Zip	

Colmac Energy
Mecca, CA
Daily Stack 3-Min Opacity Report
November 10, 2020

3-Min Avg Opacity Limit - 10

Hour	00-03 30-33	03-06 33-36	06-09 36-39	09-12 39-42	12-15 42-45	15-18 45-48	18-21 48-51	21-24 51-54	24-27 54-57	27-30 57-60
00	2.8 4.8	2.8 3.0	2.9 2.8	2.8 2.4	2.8 2.4	2.8 2.4	34.5 2.4	6.9 2.4	4.0 2.4	2.9 2.4
01	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3
02	2.3 2.3	2.4 2.3	2.4 2.3	2.3 2.4	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.3 2.3	2.4 2.3
03	2.3 2.3	2.3 2.2	2.3 2.2	2.3 2.2	2.3 2.3	2.3 2.3	2.3 2.2	2.3 2.2	2.3 2.2	2.3 2.2
04	2.2 2.2	2.2 2.3	2.2 2.3	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2
05	2.3 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.2	2.2 2.3
06	2.3 2.5	2.3 2.5	2.3 2.5	2.3 2.5	2.3 2.4	2.2 2.4	2.2 2.4	2.1 2.4	2.2 2.4	2.2 2.4
07	2.6 2.6	2.6 2.6	2.6 2.6	2.6 2.6	2.6 2.6	2.6 2.6	2.5 2.6	2.5 2.6	2.6 2.6	2.6 2.6
08	2.7 2.7	2.6 2.4	2.7 2.4	2.6 2.5	2.6 2.4	2.6 Cal	2.6 Cal	2.6 Cal	2.6 2.7	2.6 2.7
09	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.4 2.5	2.4 2.5	2.4 2.5	2.4 2.5	2.8 2.5
10	2.5 2.4	2.4 2.4	2.5 2.4	2.5 2.4	2.5 2.4	2.5 2.4	2.5 2.4	2.5 2.4	2.5 2.4	2.5 2.4
11	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4
12	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.3 2.4	2.4 2.3	2.4 2.4	2.4 2.3	2.4 2.5
13	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4
14	2.4 2.5	2.4 2.5	2.4 2.5	2.4 2.5	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4	2.4 2.4
15	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.4 2.5	2.5 2.5	2.5 2.5
16	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5
17	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5
18	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5
19	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5
20	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5

Hour	00-03 30-33	03-06 33-36	06-09 36-39	09-12 39-42	12-15 42-45	15-18 45-48	18-21 48-51	21-24 51-54	24-27 54-57	27-30 57-60
21	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.6	2.7
22	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8
	3.6	3.2	3.4	3.6	4.0	4.1	4.1	4.0	4.0	3.9
23	3.9	3.9	3.8	3.9	3.9	4.0	3.8	3.7	3.0	2.7
	2.5	2.9	3.1	4.2	3.9	3.8	3.7	3.5	3.2	3.1
	3.0	3.0	3.1	3.1	2.8	2.7	2.7	2.8	2.8	2.8

Boilers Stack Excess Emissions

Colmac Energy

Opacity % 3-Min Avg Excess Emissions for 11/10/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
Opacity % 3-Min Avg	11/10/2020 12:18 AM	12:20 AM	3 minutes	35.0	35.0	35.0	10	Not specified	
Total duration			3 minutes						